

## **Technical Product Data Sheet**

### Saint-Gobain / h-old® H220



Saint-Gobain / h-old® H220 is a Kapton® film coated on both sides with high quality pressure sensitive silicone adhesive and protected by fluorosiliconized polyester liner. Designed for high temperature electrical and electronis applications where a thin, conformable backing combined with excellent dielectrical properties are required. NuClear (00) radiations resistant. Flame retardant (UL 510).

#### **Nominal Values**

**Backing** Kapton® Film, Polyimide Film, double-sided

**Backing Thickness** 0,025 mm

**Adhesive Type** | Silicone

**Total Thickness** 0,100 mm

**Insulation Class** H 180°C (DIN EN 60085, OANZ2 & OANZ8)

Color Brown (79)

**Liner** | Fluorosiliconized Polyester

**Adhesion to Steel** 6,75 N/25 mm

**Tensile Strength** 112,50 N/25 mm

**Elongation at Break** 35%

**Dielectric Strength** 7200 V

**Electrolytic Corrosion** 1

**Rolling Ball Tack** < 10 cm

**Temperature Resistance** +260°C, (short-term)

**Length** 33 m, other lengths upon request

Width 6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 1000

mm, other widths upon request

**Storage Life** The material can be stored at room temperature for at least 6 months.

**Effective** 29 March 2021



We provide the technical data of our products to the best of our knowledge, but without obligation. Due to the wide range of material and environmental influences, we recommend a suitability test on original products prior to use. Please also note the standard processing guidelines for adhesive tapes, which we will gladly send you upon request.











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### **Applications**

- Printed circuits board assembly
- Flexible circuits

#### **Benefits**

- Very high temperature resistance
- Good chemical and solvent resistance

### **Storage Conditions**

The Rolls should be stored in their packaging protected from light and at a temperature between 15°C to 24°C, with a relative humidity of 50% +/- 30%. When using an adhesive tape stored below 15°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

Print Date: 08.08.2025





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